



## WELDED STEEL WIRE FABRIC MGS-92-15E

**1.0 DESCRIPTION.** These specifications cover the purchase of welded steel wire fabric for use in portland cement concrete pavements.

### **2.0 MATERIALS.**

**2.1** Unless otherwise stated in the bid request, welded steel wire fabric may be either plain or deformed fabric.

**2.1.1** Plain and deformed welded steel wire fabric shall meet the requirements of Specification Section 1036.

**2.2** All welded steel wire fabric shall be free from dirt, paint, oil, grease, thick rust, and other foreign substances. Thin powdery rust need not be removed.

**2.3** Wire spacing, size, and sheet dimensions shall be as shown in the bid request. Wire sizes shown are minimum sizes.

**2.3.1** Unless otherwise specified, the wire spacing and size shall be 6" X 12"-W6.3 X W4. The sheet size shall be 11' wide by 6' length.

**2.3.2** Sheet width dimensions are center-to-center between outside longitudinal wires.

### **3.0 ORDERING INFORMATION.**

**3.1** The quantity, wire spacing and sizes, width and length of sheets is to be specified in the bid request. A typical order is: 120 sheets, 6 x 12, W6.3 x W4, 11' width x 6' length. See Note 1.

*NOTE 1 – 120 is the number of sheets in the order. 6" is the spacing of the longitudinal wires. 12" is the spacing of the transverse wires. W6.3 is the size of the longitudinal wires. W4 is the size of the transverse wires. 11' width is the width of the wire fabric in the transverse wire direction. 6' length is the length of the wire fabric in the longitudinal direction.*

**3.1.1** Wire spacing and size should be ordered by the following criteria:

10" or less pavement - 6 x 12 - W6.3 x W4 for plain fabric or 6 x 12 - D6.3 x D4 for deformed fabric.

Greater than 10" pavement - 6 x 12 - W8 x W4 for plain fabric or 6 x 12 - D8 x D4 for deformed fabric.

**3.1.2** Sheet dimensions should be in 6" multiples, preferably to the nearest foot. Length is parallel to the roadway length. Typical sheet dimensions are 12" less than the repair size (i.e., a 12' wide lane repair requires 11' width mesh).

**4.0 CERTIFICATION.** The supplier of welded steel wire fabric shall furnish to the engineer at destination a manufacturer's certification in triplicate stating that the material furnished complies with the requirements of this specification. The certification shall include or have attached mill test results.

**5.0 ACCEPTANCE.** Inspection, sampling and testing of the material may be made at the point of manufacture, immediate storage point, or destination at the discretion of the department.